

not true, at least for the time of year mentioned at the beginning of these notes. All three of my visits to Esupua were made during the heaviest rains of the year, which, according to native reports, do not seem to have the effect which has been claimed for them in reducing the numbers of "fly."

I have elsewhere shown that *Gl. palpalis Wellmani* is a disseminator of human trypanosomiasis, and that this disease is unfortunately on the increase in Benguela District.

PROCEEDINGS OF LEARNED SOCIETIES.

GEOLOGICAL SOCIETY.

April 25th, 1906.—J. E. Marr, Sc.D., F.R.S.,
Vice-President, in the Chair.

The following communications were read:—

1. 'Trilobites from Bolivia, collected by Dr. J. W. Evans in 1901-1902.' By Philip Lake, M.A., F.G.S.

Several horizons are represented by these fossils. Two specimens of *Peltura*, probably from the Upper *Lingula*-Flags, were collected at Cochaiya, about 3 miles north-east of Pata. New species of *Symphysurus* and *Trinucleus*, probably of Arenig age, were found about a mile from Apolo, Province of Caupolican. An indeterminable species of *Ojyia* was obtained from the right bank of the River Caca, in the same province. *Phacops* cf. *arbutus*, *Dalmanites Paituna*, and *D. Maccurua* were collected in the track from Apolo to San José de Chupiamonas, also in the province of Caupolican. The nodules from which they were derived are probably of Lower Devonian age. Descriptions are given of the new species and other forms mentioned. It is worthy of remark that, while the earlier forms show affinities with the contemporaneous European fauna, the Devonian species are much more closely allied to those of South Africa and North America.

2. 'Graptolites from Bolivia, collected by Dr. J. W. Evans in 1901-1902.' By Ethel M. R. Wood, D.Sc.

In black pyritic shales from three localities several specimens of *Didymograptus* were collected: one referable to *bifidus*, one of the type of *affinis*, and one of the *Nicholsoni*-type. *Phyllograptus*, *Glossograptus*, *Cryptograptus*, and *Diplograptus* were also obtained. A pale, silky grey shale shows also rare graptolites, belonging to a species comparable with *Climacograptus confertus*. These forms indicate that both the black and the pale shales belong to horizons in the Upper Arenig rocks (Lower Llanvirn of Hicks).